

District I
1625 N. French Dr., Hobbs, NM 88240
District II
811 S. First St., Artesia, NM 88210
District III
1000 Rio Brazos Rd., Aztec, NM 87410
District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources

Form C-104
Revised August 1, 2011

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Submit one copy to appropriate District Office

☐ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address EARTHSTONE OPERATING, LLC 1400 WOODLOCH FOREST DR. STE 300 ATTN: REG THE WOODLANDS, TX 77380		² OGRID Number 331165
		³ Reason for Filing Code/ Effective Date NW 09/05/2021
⁴ API Number 30 - 025-46723	⁵ Pool Name WC-025 G10 S213328O; WOLFCAMP	
⁶ Pool Code 98033		
⁷ Property Code 332639	⁸ Property Name SOMBRERO 18 WCA FED COM	⁹ Well Number 5H

II. ¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West line	County
N	7	21S	33E		775	SOUTH	1755	WEST	LEA

¹¹ Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	18	21S	33E		75	SOUTH	1041	WEST	LEA
¹² Lse Code F	¹³ Producing Method F Code	¹⁴ Gas Connection Date 09/24/2021	¹⁵ C-129 Permit Number		¹⁶ C-129 Effective Date		¹⁷ C-129 Expiration Date		

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
372603	3Bear Field Services, LLC	GAS
20667	SHELL PIPELINE CORP	OIL

IV. Well Completion Data

²¹ Spud Date 05/24/2021	²² ReadyDate 09/05/2021	²³ TD 17020'MD/11970'TVD	²⁴ PBTD 16999'MD/11969'TVD	²⁵ Perforations 12134' -16977'	²⁶ DHC, MC
²⁷ Hole Size		²⁸ Casing & Tubing Size		²⁹ Depth Set	
26"		20", 96#, J-55		1835'	
17.5"		13.375", 54.5#, J-55		3652'	
12.25"		9.625", 40#, J-55		5814'	
8.75"		5.5", 20#, P-110		17003'	
³⁰ Sacks Cement					

V. Well Test Data

³¹ Date New Oil 09/24/2021	³² Gas Delivery Date 09/24/2021	³³ Test Date 10/13/2021	³⁴ Test Length 24	³⁵ Tbg. Pressure 0	³⁶ Csg. Pressure 240
³⁷ Choke Size 64/64	³⁸ Oil 460	³⁹ Water 1387	⁴⁰ Gas 601		⁴¹ Test Method FLOWING

⁴² I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief. Signature: <i>Deborah Marberry</i>		OIL CONSERVATION DIVISION	
Printed name: Deborah Marberry		Approved by: <i>PATRICIA MARTINEZ</i>	
Title: Sr. Reg. Tech		Title: <i>PETROLEUM SPECIALIST</i>	
E-mail Address: dmarberry@earthstoneenergy.com		Approval Date: <i>1/14/2025</i>	
Date: 01/09/2023	Phone: 281-298-4246		

District I
1625 N. French Dr., Hobbs, NM 88240
Phone: (575) 393-6161 Fax: (575) 393-0720

District II
811 S. First St., Artesia, NM 88210
Phone: (575) 748-1283 Fax: (575) 748-9720

District III
1000 Rio Brazos Road, Aztec, NM 87410
Phone: (505) 334-6178 Fax: (505) 334-6170

District IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

☒ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-025-46723	² Pool Code 98033	³ Pool Name WC-025 G-10 S2133280; WOLFCAMP
⁴ Property Code 332639	⁵ Property Name SOMBRERO 18 WCA FED COM	⁶ Well Number 5H
⁷ OGRID No. 331165	⁸ Operator Name EARTHSTONE OPERATING, LLC	⁹ Elevation 3900.3'

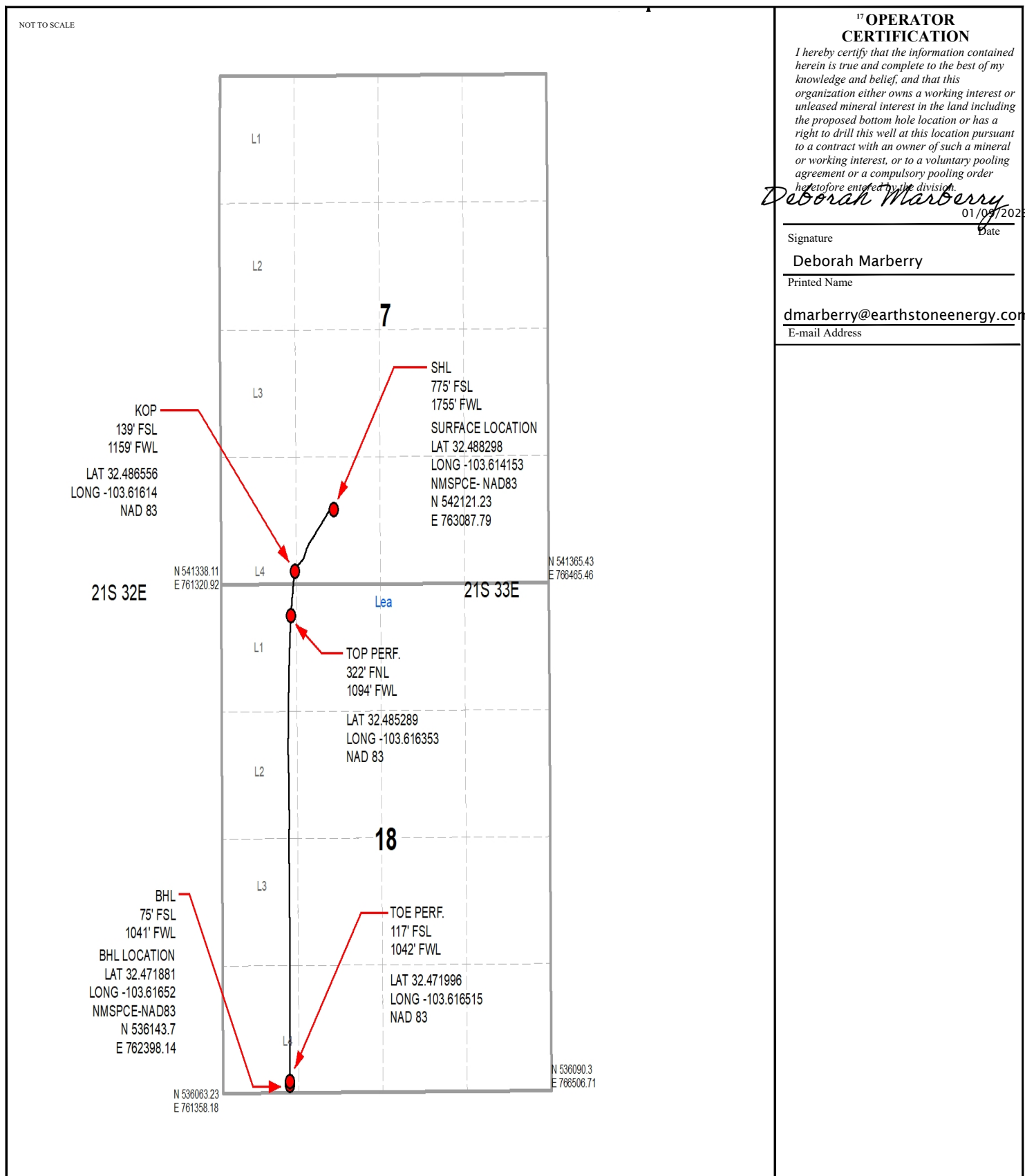
¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
N	7	21S	33E		775	SOUTH	1755	WEST	LEA

¹¹ Bottom Hole Location If Different From Surface

UL or lot no. M	Section 18	Township 21S	Range 33E	Lot Idn	Feet from the 75	North/South line SOUTH	Feet from the 1041	East/West line WEST	County LEA
¹² Dedicated Acres 143.56		¹³ Joint or Infill		¹⁴ Consolidation Code		¹⁵ Order No.			

No allowable will be assigned to this completion until all interests have been consolidated or a non-standard unit has been approved by the division.





Chisholm Sombrero 18 Fed WCA Com 5H Survey 0 to 17020' MD Survey
Geodetic Report
(Def Survey)

Report Date:	June 21, 2021 - 03:38 PM	Survey / DLS Computation:	Minimum Curvature / Lubinski
Client:	Chisholm	Vertical Section Azimuth:	179.650 ° (Grid North)
Field:	NM Lea County (NAD 83)	Vertical Section Origin:	0.000 ft, 0.000 ft
Structure / Slot:	Chisholm Sombrero Pad / Chisholm Sombrero 18 Fed WCA Com 5H	TVD Reference Datum:	RKB
Well:	Chisholm Sombrero 18 Fed WCA Com 5H	TVD Reference Elevation:	3926.300 ft above MSL
Borehole:	Original Borehole	Seabed / Ground Elevation:	3900.300 ft above MSL
UWI / API#:	Unknown / 30-025-46723	Magnetic Declination:	6.493 °
Survey Name:	Chisholm Sombrero 18 Fed WCA Com 5H Survey 0 to 17020' MD	Total Gravity Field Strength:	998.4602mgn (9.80665 Based)
Survey Date:	May 24, 2021	Gravity Model:	GARM
Tort / AHD / DDI / ERD Ratio:	233.797 ° / 6362.873 ft / 6.325 / 0.532	Total Magnetic Field Strength:	47911.856 nT
Coordinate Reference System:	NAD83 New Mexico State Plane, Eastern Zone, US Feet	Magnetic Dip Angle:	60.253 °
Location Lat / Long:	N 32° 29' 17.87344", W 103° 36' 50.94990"	Declination Date:	May 24, 2021
Location Grid N/E Y/X:	N 542121.230 ftUS, E 763087.790 ftUS	Magnetic Declination Model:	HDGM 2021
CRS Grid Convergence Angle:	0.3863 °	North Reference:	Grid North
Grid Scale Factor:	0.99996541	Grid Convergence Used:	0.3863 °
Version / Patch:	2.10.824.0	Total Corr Mag North->Grid North:	6.1067 °
		Local Coord Referenced To:	Well Head

Comments	MD (ft)	Incl (°)	Azim Grid (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Northing (RUS)	Easting (RUS)	Latitude (N/S ° ' ")	Longitude (E/W ° ' ")	Closure (ft)	Closure Azimuth (°)
SHL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	N/A	542121.23	763087.79	N 32 29 17.87 W 103 36 50.95		0.00	0.00
	199.00	0.22	322.80	199.00	-0.31	0.30	-0.23	0.11	542121.53	763087.56	N 32 29 17.88 W 103 36 50.95		0.38	322.80
	293.00	0.06	86.77	293.00	-0.45	0.45	-0.29	0.27	542121.68	763087.50	N 32 29 17.88 W 103 36 50.95		0.54	327.16
	374.00	0.36	35.31	374.00	-0.66	0.66	-0.10	0.40	542121.89	763087.69	N 32 29 17.88 W 103 36 50.95		0.67	351.27
	454.00	0.73	301.74	454.00	-1.14	1.13	-0.39	1.04	542122.36	763087.40	N 32 29 17.88 W 103 36 50.95		1.20	341.04
	548.00	0.74	158.89	547.99	-0.89	0.88	-0.68	1.48	542122.11	763087.11	N 32 29 17.88 W 103 36 50.96		1.11	322.38
	642.00	0.20	333.52	641.99	-0.47	0.46	-0.53	1.00	542121.69	763087.26	N 32 29 17.88 W 103 36 50.96		0.71	310.90
	736.00	0.13	127.31	735.99	-0.55	0.55	-0.52	0.34	542121.78	763087.27	N 32 29 17.88 W 103 36 50.96		0.76	316.20
	817.00	0.13	192.07	816.99	-0.40	0.40	-0.47	0.17	542121.63	763087.32	N 32 29 17.88 W 103 36 50.96		0.62	310.44
	912.00	0.33	172.52	911.99	-0.03	0.02	-0.46	0.22	542121.25	763087.33	N 32 29 17.87 W 103 36 50.96		0.46	272.93
	1006.00	0.43	199.27	1005.99	0.57	-0.58	-0.54	0.21	542120.65	763087.25	N 32 29 17.87 W 103 36 50.96		0.79	222.92
	1101.00	0.25	209.91	1100.99	1.09	-1.09	-0.76	0.20	542120.14	763087.03	N 32 29 17.86 W 103 36 50.96		1.33	214.73
	1194.00	0.30	190.51	1193.98	1.50	-1.51	-0.90	0.11	542119.72	763086.89	N 32 29 17.86 W 103 36 50.96		1.76	210.92
	1288.00	0.28	171.70	1287.98	1.97	-1.98	-0.92	0.10	542119.25	763086.87	N 32 29 17.85 W 103 36 50.96		2.18	204.83
	1381.00	0.17	166.28	1380.98	2.33	-2.34	-0.85	0.12	542118.89	763086.94	N 32 29 17.85 W 103 36 50.96		2.49	199.99
	1475.00	0.23	227.91	1474.98	2.59	-2.60	-0.96	0.22	542118.63	763086.83	N 32 29 17.85 W 103 36 50.96		2.77	200.21
	1569.00	0.25	266.22	1568.98	2.73	-2.74	-1.30	0.17	542118.49	763086.49	N 32 29 17.85 W 103 36 50.97		3.03	205.42
	1653.00	0.60	296.29	1652.98	2.55	-2.56	-1.88	0.48	542118.67	763085.91	N 32 29 17.85 W 103 36 50.97		3.17	216.31
	1848.00	1.40	282.00	1847.95	1.58	-1.61	-5.12	0.43	542119.62	763082.67	N 32 29 17.86 W 103 36 51.01		5.37	252.57
	1942.00	0.59	298.47	1941.93	1.10	-1.14	-6.67	0.91	542120.09	763081.12	N 32 29 17.86 W 103 36 51.03		6.77	260.31
	2036.00	0.40	314.33	2035.93	0.63	-0.68	-7.33	0.25	542120.55	763080.46	N 32 29 17.87 W 103 36 51.04		7.36	264.70
	2130.00	0.45	305.73	2129.93	0.19	-0.23	-7.87	0.09	542121.00	763079.92	N 32 29 17.87 W 103 36 51.04		7.87	268.29
	2225.00	0.86	290.37	2224.92	-0.29	0.23	-8.84	0.47	542121.46	763078.95	N 32 29 17.88 W 103 36 51.05		8.84	271.50
	2318.00	0.96	280.76	2317.91	-0.68	0.62	-10.26	0.20	542121.85	763077.53	N 32 29 17.88 W 103 36 51.07		10.28	273.46
	2412.00	0.91	269.46	2411.90	-0.83	0.76	-11.78	0.20	542121.99	763076.01	N 32 29 17.88 W 103 36 51.09		11.80	273.69
	2506.00	0.96	277.67	2505.88	-0.94	0.86	-13.31	0.15	542122.09	763074.49	N 32 29 17.88 W 103 36 51.11		13.33	273.69
	2599.00	1.19	289.11	2598.87	-1.37	1.28	-14.99	0.34	542122.51	763072.80	N 32 29 17.89 W 103 36 51.12		15.04	274.87
	2692.00	1.17	279.01	2691.85	-1.85	1.74	-16.84	0.22	542122.97	763070.95	N 32 29 17.89 W 103 36 51.15		16.93	275.91
	2786.00	1.11	320.54	2785.83	-2.71	2.60	-18.37	0.86	542123.83	763069.42	N 32 29 17.90 W 103 36 51.16		18.55	278.04
	2880.00	1.09	337.32	2879.81	-4.24	4.12	-19.29	0.34	542125.35	763068.50	N 32 29 17.92 W 103 36 51.17		19.73	282.07
	2974.00	1.08	356.13	2973.80	-5.95	5.83	-19.69	0.38	542127.06	763068.10	N 32 29 17.93 W 103 36 51.18		20.54	286.50
	3068.00	1.29	4.93	3067.78	-7.89	7.77	-19.66	0.30	542129.00	763068.13	N 32 29 17.95 W 103 36 51.18		21.14	291.56
	3162.00	1.41	20.24	3161.75	-10.03	9.91	-19.17	0.40	542131.14	763068.62	N 32 29 17.97 W 103 36 51.17		21.58	297.33
	3257.00	1.55	44.62	3256.72	-12.03	11.92	-17.87	0.67	542133.15	763069.92	N 32 29 17.99 W 103 36 51.16		21.48	303.71
	3350.00	1.80	43.40	3349.68	-13.97	13.88	-15.98	0.27	542135.11	763071.81	N 32 29 18.01 W 103 36 51.14		21.66	310.97
	3444.00	1.41	53.93	3443.64	-15.72	15.63	-14.03	0.52	542136.86	763073.76	N 32 29 18.03 W 103 36 51.11		21.00	318.09
	3537.00	0.83	51.84	3536.63	-16.80	16.72	-12.57	0.63	542137.95	763075.22	N 32 29 18.04 W 103 36 51.10		20.92	323.06
	3619.00	0.57	46.46	3618.62	-17.44	17.37	-11.81	0.33	542138.60	763075.98	N 32 29 18.05 W 103 36 51.09		21.00	325.78
	3725.00	0.46	33.07	3724.62	-18.16	18.09	-11.20	0.15	542139.32	763076.59	N 32 29 18.05 W 103 36 51.08		21.27	328.24
	3818.00	0.50	13.04	3817.61	-18.86	18.80	-10.90	0.18	542140.03	763076.89	N 32 29 18.06 W 103 36 51.08		21.73	329.89
	3911.00	0.55	2.02	3910.61	-19.70	19.64	-10.80	0.12	542140.87	763077.00	N 32 29 18.07 W 103 36 51.07		22.41	331.20
	4006.00	0.81	11.12	4005.60	-20.82	20.75	-10.65	0.30	542141.98	763077.14	N 32 29 18.08 W 103 36 51.07		23.33	332.83
	4099.00	0.99	13.45	4098.59	-22.44	22.38	-10.34	0.20	542143.41	763077.45	N 32 29 18.09 W 103 36 51.07		24.47	335.01
	4192.00	1.06	11.59	4191.58	-23.86	23.80	-9.98	0.08	542145.03	763077.81	N 32 29 18.11 W 103 36 51.06		25.81	337.26
	4287.00	1.06	20.10	4286.56	-25.55	25.49	-9.50	0.17	542146.72	763078.29	N 32 29 18.13 W 103 36 51.06		27.20	339.56
	4381.00	1.01	15.28	4380.54	-27.16	27.11	-8.98	0.11	542148.33	763078.81	N 32 29 18.14 W 103 36 51.05		28.55	341.67
	4475.00	1.07	14.50	4474.53	-28.81	28.75	-8.54	0.07	542149.98	763079.25	N 32 29 18.16 W 103 36 51.05		30.00	343.45
	4568.00	1.12	11.06	4567.51	-30.54	30.49	-8.15	0.09	542151.72	763079.64	N 32 29 18.18 W 103 36 51.04		31.56	345.03
	4662.00	1.15	6.11	4661.49	-32.37	32.33	-7.87	0.11	542153.55	763079.92	N 32 29 18.19 W 103 36 51.04		33.27	346.31
	4756.00	1.12	5.41	4755.47	-34.23	34.18	-7.69	0.04	542155.41	763080.10	N 32 29 18.21 W 103 36 51.04		35.03	347.32
	4851.00	1.03	4.41	4850.46	-36.00	35.95	-7.53	0.10	542157.18	763080.26	N 32 29 18.23 W 103 36 51.04		36.74	348.17
	4944.00	1.09	358.21	4943.44	-37.72	37.67	-7.50	0.14	542158.90	763080.29	N 32 29 18.25 W 103 36 51.03		38.41	348.74
	5038.00	1.07	357.35	5037.43	-39.49	39.44	-7.57	0.03	542160.67	763080.22	N 32 29 18.26 W 103 36 51.04		40.16	349.14
	5133.00	1.14	358.30	5132.41	-41.32	41.27	-7.63	0.08	542162.50	763080.16	N 32 29 18.28 W 103 36 51.04		41.97	349.52
	5227.00	1.20	356.39	5226.39	-43.24	43.19	-7.72	0.08	542164.42	763080.07	N 32 29 18.30 W 103 36 51.04		43.88	349.86
	5321.00	1.23	358.76	5320.37	-45.23	45.18	-7.81	0.06	542166.41	763079.98	N 32 29 18.32 W 103 36 51.04		45.85	350.19
	5414.00	1.32	359.82	5413.34	-47.30	47.25	-7.83	0.10	542168.46	763079.86	N 32 29 18.34 W 103 36 51.04		47.90	350.59
	5507.00	1.43	1.53	5506.32	-49.53	49.48	-7.81	0.13	542170.71	763079.98	N 32 29 18.36 W 103 36 51.04		50.09	351.04
	5600.00	1.44	4.35	5599.29	-51.85	51.81	-7.69	0.08	542173.03	763080.10	N 32 29 18.39 W 103 36 51.04		52.37	351.56
	5694.00	1.46	8.01	5693.26	-54.21	54.17	-7.43	0.10	542175.40	763080.36	N 32 29 18.41 W 103 36 51.03		54.68	352.19
	5775.00	1.53	6.22	5774.23	-56.31	56.27	-7.17	0.10	542177.49	763080.62	N 32 29 18.43 W 103 36 51.03		56.72	352.74
	5876.00	1.71	6.63	5875.19	-59.14	59.10	-6.85	0.18	542180.33	763080.94	N 32 29 18.46 W 103 36 51.03		59.50	353.39
	5970.00	1.33	279.17	5969.17	-60.72	60.67	-7.76	2.25	542181.90	763080.03	N 32 29 18.47 W 103 36 51.04		61.17	352.71
	6063.00	4.08	233.38	6062.06	-58.94	58.87	-11.49	3.54	542180.10	763076.30	N 32 29 18.46 W 103 36 51.08		59.98	348.96
	6156.00	6.29	227.69	6154.68	-	58.87	-11.49	3.54	542180.10	763076.30	N 32 29 18.46 W 103 36 51.08		59.98	348.96
	6251.00	8.10	224.38	6154.68	-53.57	53.47	-17.91	2.						

Comments	MD (ft)	Incl (°)	Azim Grid (°)	TVD (ft)	VSEC (ft)	NS (ft)	EW (ft)	DLS (°/100ft)	Northing (ftUS)	Easting (ftUS)	Latitude (N S ° ' ")	Longitude (E W ° ' ")	Closure (ft)	Closure Azimuth (°)
	8979.00	10.21	223.51	8928.22	331.03	-333.29	-367.94	1.17	541787.95	762719.86	N 32 29 14.60 W	103 36 55.27	496.45	227.83
	9073.00	8.81	219.95	9020.93	342.53	-344.85	-378.30	1.61	541776.39	762709.51	N 32 29 14.49 W	103 36 55.39	511.89	227.65
	9168.00	9.95	213.20	9114.86	354.91	-357.29	-387.46	1.67	541763.95	762700.34	N 32 29 14.36 W	103 36 55.50	527.06	227.32
	9261.00	8.97	214.75	9206.39	367.55	-369.97	-396.00	1.09	541751.27	762691.81	N 32 29 14.24 W	103 36 55.60	541.94	226.95
	9356.00	9.10	225.99	9300.22	378.80	-381.28	-405.62	1.86	541739.96	762682.18	N 32 29 14.13 W	103 36 55.72	556.69	226.77
	9450.00	9.45	224.78	9392.99	389.37	-391.92	-416.40	0.43	541729.32	762671.40	N 32 29 14.02 W	103 36 55.84	571.83	226.73
	9544.00	9.72	207.17	9485.70	401.86	-404.46	-425.46	3.12	541716.78	762662.34	N 32 29 13.90 W	103 36 55.95	587.03	226.45
	9639.00	10.47	197.54	9579.24	417.18	-419.83	-431.73	1.94	541701.42	762656.08	N 32 29 13.75 W	103 36 56.02	602.20	225.80
	9733.00	11.06	198.40	9671.58	433.85	-436.53	-437.15	0.65	541684.72	762650.66	N 32 29 13.58 W	103 36 56.09	617.78	225.04
	9828.00	11.95	205.05	9764.67	451.36	-454.08	-444.19	1.68	541667.16	762643.62	N 32 29 13.41 W	103 36 56.17	635.22	224.37
	9921.00	10.93	207.60	9855.83	467.85	-470.62	-452.35	1.22	541650.63	762635.45	N 32 29 13.25 W	103 36 56.27	652.77	223.87
	10016.00	10.32	208.36	9949.20	483.27	-486.09	-460.57	0.66	541635.16	762627.24	N 32 29 13.09 W	103 36 56.36	669.63	223.46
	10110.00	13.17	220.11	10041.23	498.81	-501.70	-471.47	3.94	541619.55	762616.34	N 32 29 12.94 W	103 36 56.49	688.46	223.22
	10204.00	12.16	225.51	10132.95	513.85	-516.82	-485.43	1.65	541604.42	762602.37	N 32 29 12.79 W	103 36 56.66	709.05	223.21
	10299.00	12.93	234.09	10225.69	527.00	-530.07	-501.18	2.12	541591.18	762586.63	N 32 29 12.66 W	103 36 56.84	729.49	223.40
	10394.00	10.73	230.33	10318.67	538.79	-541.95	-516.60	2.45	541579.30	762571.21	N 32 29 12.55 W	103 36 57.02	748.72	223.63
	10488.00	9.13	229.19	10411.25	549.17	-552.41	-528.98	1.71	541568.84	762558.83	N 32 29 12.44 W	103 36 57.17	764.84	223.76
	10581.00	10.10	229.84	10502.95	559.18	-562.49	-540.80	1.05	541558.76	762547.01	N 32 29 12.34 W	103 36 57.31	780.30	223.87
	10675.00	9.86	228.97	10595.52	569.70	-573.09	-553.17	0.30	541548.16	762534.64	N 32 29 12.24 W	103 36 57.45	796.51	223.99
	10769.00	7.72	225.21	10688.42	579.37	-582.83	-563.72	2.36	541534.49	762521.89	N 32 29 12.14 W	103 36 57.58	810.84	224.05
	10863.00	6.21	225.42	10781.72	587.34	-590.84	-571.82	1.61	541530.41	762515.99	N 32 29 12.07 W	103 36 57.67	822.24	224.06
	10957.00	6.34	224.53	10875.16	594.56	-598.11	-579.08	0.17	541523.14	762508.73	N 32 29 11.99 W	103 36 57.76	832.51	224.07
	11052.00	7.00	219.64	10969.51	602.71	-586.46	-561.37	0.92	541514.94	762501.35	N 32 29 11.91 W	103 36 57.84	843.53	224.05
	11147.00	5.71	220.09	11063.93	610.75	-614.38	-593.19	1.36	541506.87	762494.62	N 32 29 11.83 W	103 36 57.92	854.02	223.99
	11241.00	3.73	220.57	11157.60	616.62	-620.28	-598.19	2.11	541500.97	762489.62	N 32 29 11.78 W	103 36 57.98	861.73	223.96
	11335.00	2.29	223.28	11251.47	620.29	-623.97	-601.47	1.54	541497.28	762486.34	N 32 29 11.74 W	103 36 58.02	866.66	223.95
	11388.00	2.24	216.81	11304.43	621.88	-625.57	-602.82	0.49	541495.68	762485.00	N 32 29 11.72 W	103 36 58.04	868.75	223.94
	11483.00	14.25	203.77	11398.28	634.07	-637.80	-608.66	12.71	541485.25	762479.15	N 32 29 11.60 W	103 36 58.11	881.63	223.96
	11577.00	23.16	189.47	11487.27	662.92	-666.70	-616.39	10.59	541454.58	762471.43	N 32 29 11.32 W	103 36 58.20	907.98	223.75
	11671.00	36.10	186.66	11568.81	708.82	-712.63	-622.67	13.84	541408.62	762465.15	N 32 29 10.86 W	103 36 58.28	946.34	221.15
	11766.00	49.99	188.25	11638.07	772.88	-776.75	-631.18	14.66	541344.50	762456.64	N 32 29 10.23 W	103 36 58.38	1000.86	219.10
	11813.00	53.98	189.86	11667.01	809.40	-813.31	-637.02	8.91	541307.95	762450.80	N 32 29 9.87 W	103 36 58.45	1033.08	218.07
	11860.00	57.87	188.88	11693.34	847.77	-851.71	-643.35	8.45	541269.55	762444.47	N 32 29 9.49 W	103 36 58.53	1067.38	217.07
	11907.00	58.33	185.87	11717.83	887.51	-891.49	-648.49	6.29	541229.77	762439.33	N 32 29 9.10 W	103 36 58.59	1102.40	216.03
	11955.00	63.51	183.39	11740.79	929.49	-933.49	-651.87	9.82	541187.77	762435.95	N 32 29 8.68 W	103 36 58.63	1138.57	214.93
	12002.00	67.06	188.07	11750.45	971.92	-975.95	-656.15	11.78	541145.25	762431.66	N 32 29 8.26 W	103 36 58.69	1176.02	213.91
	12049.00	69.80	187.42	11777.72	1015.19	-1019.25	-662.04	5.97	541102.01	762425.77	N 32 29 7.83 W	103 36 58.76	1215.39	213.01
	12096.00	71.30	186.94	11793.37	1059.13	-1063.22	-667.58	3.33	541058.04	762420.23	N 32 29 7.40 W	103 36 58.83	1255.43	212.12
	12144.00	74.17	183.95	11807.62	1104.72	-1108.84	-671.92	8.43	541012.43	762415.90	N 32 29 6.95 W	103 36 58.88	1296.54	211.21
	12191.00	79.01	184.28	11818.52	1150.29	-1154.43	-675.20	10.32	540966.84	762412.61	N 32 29 6.50 W	103 36 58.92	1337.39	210.32
	12239.00	79.20	183.72	11827.59	1197.28	-1201.45	-678.49	1.21	540919.82	762409.33	N 32 29 6.03 W	103 36 58.97	1379.79	209.45
	12286.00	84.18	183.18	11834.38	1243.67	-1247.86	-681.28	10.66	540873.42	762406.53	N 32 29 5.57 W	103 36 59.00	1421.72	208.63
	12333.00	89.38	182.26	11837.02	1290.52	-1294.72	-683.51	11.23	540826.56	762404.31	N 32 29 5.11 W	103 36 59.03	1464.06	207.83
	12428.00	89.24	182.31	11838.16	1385.41	-1389.63	-687.30	0.16	540731.65	762400.52	N 32 29 4.17 W	103 36 59.08	1550.31	206.32
	12506.00	89.81	182.68	11838.81	1463.31	-1467.56	-690.69	0.87	540653.73	762397.12	N 32 29 3.40 W	103 36 59.13	1621.97	205.20
	12601.00	89.82	182.86	11839.12	1558.17	-1562.44	-695.28	0.19	540558.84	762392.53	N 32 29 2.46 W	103 36 59.19	1710.16	203.99
	12696.00	89.82	182.24	11839.42	1653.04	-1657.35	-699.51	0.65	540463.94	762388.31	N 32 29 1.52 W	103 36 59.25	1798.92	202.88
	12790.00	89.76	181.48	11839.76	1746.97	-1751.30	-702.56	0.81	540370.00	762385.26	N 32 29 0.59 W	103 36 59.29	1886.96	201.86
	12885.00	89.91	181.74	11840.03	1841.92	-1846.26	-705.23	0.32	540275.04	762382.59	N 32 28 59.65 W	103 36 59.33	1976.37	200.91
	12979.00	89.87	181.53	11840.22	1935.86	-1940.22	-707.91	0.23	540181.08	762379.90	N 32 28 58.72 W	103 36 59.37	2065.33	200.05
	13074.00	90.03	180.43	11840.30	2030.83	-2035.21	-709.54	1.17	540086.10	762378.28	N 32 28 57.78 W	103 36 59.39	2155.34	199.22
	13168.00	89.61	180.33	11840.59	2124.83	-2129.20	-710.16	0.46	539992.10	762377.66	N 32 28 56.85 W	103 36 59.41	2244.51	198.45
	13262.00	89.75	180.14	11841.12	2218.82	-2223.20	-710.55	0.25	539898.11	762377.27	N 32 28 55.92 W	103 36 59.42	2333.99	187.72
	13356.00	89.41	181.33	11841.81	2312.80	-2317.19	-711.75	1.32	539804.13	762376.06	N 32 28 54.99 W	103 36 59.44	2424.04	187.07
	13451.00	89.63	181.66	11842.60	2407.75	-2412.15	-714.23	0.42	539709.17	762373.59	N 32 28 54.05 W	103 36 59.48	2515.67	196.49
	13546.00	90.13	178.70	11842.80	2502.73	-2507.14	-714.53	3.16	539614.18	762373.29	N 32 28 53.11 W	103 36 59.49	2606.97	195.91
	13641.00	88.99	177.87	11843.53	2597.70	-2602.09	-711.68	1.48	539519.23	762376.13	N 32 28 52.17 W	103 36 59.46	2697.66	195.30
	13735.00	88.11	177.62	11845.91	2691.61	-2695.99	-707.99	0.97	539425.34	762379.83	N 32 28 51.25 W	103 36 59.43	2787.40	194.71
	13829.00	88.56	178.68	11848.64	2785.54	-2789.90	-704.95	1.22	539331.43	762382.86	N 32 28 50.32 W	103 36 59.40	2877.59	194.18
	13924.00	89.12	179.31	11850.57	2880.51	-2884.86	-703.29	0.89	539236.47	762384.53	N 32 28 49.38 W	103 36 59.39	2969.35	193.70
	14018.00	89.35	178.54	11851.82	2974.50	-2978.84	-701.53	0.85	539142.50	762386.29	N 32 28 48.45 W	103 36 59.37	3060.33	193.25
	14113.00	89.23	178.74	11853.00	3069.48	-3073.81	-699.27	0.25	539047.54	762388.54	N 32 28 47.51 W	103 36 59.35	3152.34	192.82
	14207.00	89.42	179.68	11854.10	3163.47	-3167.79	-697.97	1.02	538953.56	762389.84	N 32 28 46.58 W	103 36 59.35	3243.77	192.43
	14301.00	89.13	180.02	11855.29	3257.46	-3261.78	-697.73	0.48	538859.57	762390.09	N 32 28 45.65 W	103 36 59.35	3335.57	192.07
	14395.00	88.60	181.25	11857.16	3351.42	-3355.75	-698.77	1.42	538765.60	762389.05	N 32 28 44.72 W	103 36 59.37	3427.73	191.76
	14489.00	89.45	180.87	11858.76	3445.38	-3449.72	-700.51	0.99	538671.63	762387.31	N 32 28 43.79 W	103 36 59.		

Intent ☐ As Drilled ☒

API # 30-025-46723		
Operator Name: EARTHSTONE OPERATING, LLC	Property Name: SOMBRERO 18 WCA FED COM	Well Number 5H

Kick Off Point (KOP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
N	7	21S	33E		139	SOUTH	1159	WEST	LEA
Latitude 32.486556					Longitude -103.61614				NAD 83

First Take Point (FTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
M	18	21S	33E	1	322	NORTH	1094	WEST	LEA
Latitude 32.485289					Longitude -103.616353				NAD 83

Last Take Point (LTP)

UL	Section	Township	Range	Lot	Feet	From N/S	Feet	From E/W	County
	18	21S	33E	4	117	SOUTH	1042	WEST	LEA
Latitude 32.471996					Longitude -103.616515				NAD 83

Is this well the defining well for the Horizontal Spacing Unit? ☐ YESIs this well an infill well? ☐ NO

If infill is yes please provide API if available, Operator Name and well number for Defining well for Horizontal Spacing Unit.

API #		
Operator Name:	Property Name:	Well Number

KZ 06/29/2018

Well Name: STETSON 7 FED COM	Well Location: T21S / R33E / SEC 7 / SESW / 32.488298 / -103.614153	County or Parish/State: LEA / NM
Well Number: 702H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM50346	Unit or CA Name:	Unit or CA Number:
US Well Number: 300254672300X1	Well Status: Drilling Well	Operator: CHISHOLM ENERGY OPERATING LLC

Subsequent Report

Sundry ID: 2633887

Type of Submission: Subsequent Report

Date Sundry Submitted: 09/13/2021

Date Operation Actually Began: 07/31/2021

Type of Action: Hydraulic Fracturing

Time Sundry Submitted: 03:44

Actual Procedure: 07/31/2021-PBTD @ 16999' MD -RUN CBL W/EST TOC @ 810' MD 08/01/2021-SET CBP @ 16985' MD -PRESSURE TEST 5.5" CSG TO 9850 PSI, 30 MIN, GOOD TEST -PERFORATE STAGE 1 @ 16977'-16814'MD 08/12/-08/23/2021-PERFORATE STAGE 2-27 @ 16797' - 12134' MD -FRACTURE ALL STAGES W/ 658 BBLS HCI + 247736 BBLS SW W/6949827# 100 MESH + 3758191# 40/70 SAND 08/27-08/29/2021-DRILL OUT 09/01/2021-TURN WELL OVER TO PRODUCTION WELL SHUT-IN AT THIS TIME **REQUEST FOR OCD OF EXTENSION OF TIME TO FILE BLM-APPROVED FORM 3160-4**

Well Name: STETSON 7 FED COM	Well Location: T21S / R33E / SEC 7 / SESW / 32.488298 / -103.614153	County or Parish/State: LEA / NM
Well Number: 702H	Type of Well: OIL WELL	Allottee or Tribe Name:
Lease Number: NMNM50346	Unit or CA Name:	Unit or CA Number:
US Well Number: 300254672300X1	Well Status: Drilling Well	Operator: CHISHOLM ENERGY OPERATING LLC

Operator Certification

I certify that the foregoing is true and correct. Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction. Electronic submission of Sundry Notices through this system satisfies regulations requiring a submission of Form 3160-5 or a Sundry Notice.

Operator Electronic Signature: JENNIFER ELROD	Signed on: SEP 13, 2021 03:44 PM
Name: CHISHOLM ENERGY OPERATING LLC	
Title: Senior Regulatory Technician	
Street Address: 801 CHERRY STREET, SUITE 1200-UNIT 20	
City: Fort Worth	State: TX
Phone: (817) 953-3728	
Email address: jelrod@chisholmenergy.com	

Field Representative

Representative Name:		
Street Address:		
City:	State:	Zip:
Phone:		
Email address:		

BLM Point of Contact

BLM POC Name: Jonathon W Shepard	BLM POC Title: Petroleum Engineer
BLM POC Phone: 5752345972	BLM POC Email Address: jshepard@blm.gov
Disposition: Accepted	Disposition Date: 10/15/2021
Signature: Jonathon Shepard	

Submit To Appropriate District Office Two Copies <u>District I</u> 1625 N. French Dr., Hobbs, NM 88240 <u>District II</u> 811 S. First St., Artesia, NM 88210 <u>District III</u> 1000 Rio Brazos Rd., Aztec, NM 87410 <u>District IV</u> 1220 S. St. Francis Dr., Santa Fe, NM 87505		State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505			Form C-105 Revised April 3, 2017					
WELL COMPLETION OR RECOMPLETION REPORT AND LOG										
4. Reason for filing: ☒ COMPLETION REPORT (Fill in boxes #1 through #31 for State and Fee wells only) ☐ C-144 CLOSURE ATTACHMENT (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19.15.17.13.K NMAC)								5. Lease Name or Unit Agreement Name SOMBRERO 18 WCA FED COM		
								6. Well Number: 5H		
7. Type of Completion: ☒ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER _____										
8. Name of Operator EARTHSTONE OPERATING, LLC							9. OGRID 331165			
10. Address of Operator 1400 WOODLOCH FOREST DR. STE 300 ATTN:REGULATORY THE WOODLANDS, TX 77380							11. Pool name or Wildcat (98033) WC-025 G10 S213328O; WOLFCAMP			
12. Location	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County
Surface:	N	7	21S	33E		775	SOUTH	1755	WEST	LEA
BH:	M	18	21S	33E		75	SOUTH	1041	WEST	LEA
13. Date Spudded 05/24/2021	14. Date T.D. Reached 06/21/2021		15. Date Rig Released 06/23/2021			16. Date Completed (Ready to Produce) 09/05/2021		17. Elevations (DF and RKB, RT, GR, etc.) 3900' GR		
18. Total Measured Depth of Well 17,020' MD/11,970' TVD			19. Plug Back Measured Depth 16,999' MD/ 11,969' TVD			20. Was Directional Survey Made? YES		21. Type Electric and Other Logs Run GAMMA, MWD, CBL		
22. Producing Interval(s), of this completion - Top, Bottom, Name 12,134' - 16,977'; WC-025 G10 S213328O; WOLFCAMP										
23. CASING RECORD (Report all strings set in well)										
CASING SIZE		WEIGHT LB./FT.		DEPTH SET		HOLE SIZE		CEMENTING RECORD		AMOUNT PULLED
20"		94# J-55		1835'		26"		3570 SX-CLASS C		0
13.375"		54.5# J-55		3652'		17.5"		2470 SX-CLASS C		0
9.625"		40# J-55		5814'		12.25"		1400 SX-CLASS C		0
5.5"		20# P-110		17,003'		8.75"		1650 SX-CLASS H		0
24. LINER RECORD						25. TUBING RECORD				
SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN	SIZE	DEPTH SET	PACKER SET			
26. Perforation record (interval, size, and number) 12,134'-16,977' 0.42", 40 HOLES/STAGE 27 STAGES 1080 TOTAL HOLES					27. ACID, SHOT, FRACTURE, CEMENT, SQUEEZE, ETC. DEPTH INTERVAL AMOUNT AND KIND MATERIAL USED 12,134'-16,977' 658 BBLS HCl + 247,736 BBLS SW W/ 6,949,827 # 100 MESH + 3,758,191# 40/70 SAND					
28. PRODUCTION										
Date First Production 09/24/2021		Production Method (Flowing, gas lift, pumping - Size and type pump) FLOWING					Well Status (Prod. or Shut-in) PROD			
Date of Test 10/13/2021	Hours Tested 24	Choke Size 64/64	Prod'n For Test Period	Oil - Bbl 460	Gas - MCF 601	Water - Bbl. 1387	Gas - Oil Ratio 1307			
Flow Tubing Press. 0	Casing Pressure 240	Calculated 24-Hour Rate	Oil - Bbl. 460	Gas - MCF 601	Water - Bbl. 1387	Oil Gravity - API - (Corr.) 43				
29. Disposition of Gas (Sold, used for fuel, vented, etc.) SOLD & FLARED							30. Test Witnessed By MURPHY WELL CONTROL			
31. List Attachments										
32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.								33. Rig Release Date:		
34. If an on-site burial was used at the well, report the exact location of the on-site burial:										
Latitude _____				Longitude _____				NAD83		
I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief										
Signature <i>Deborah Marberry</i>			Printed Deborah Marberry			Title Sr. Regulatory Tech			Date 01/09/2023	
E-mail Address dmarberry@earthstoneenergy.com										

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well and not later than 60 days after completion of closure. When submitted as a completion report, this shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 11, 12 and 26-31 shall be reported for each zone.

Southeastern New Mexico		Northwestern New Mexico	
T. Anhy <u>Rustler - 1696' MD</u>	T. Canyon	T. Ojo Alamo	T. Penn A"
T. Salt <u>Salado - 2106' MD</u>	T. Strawn	T. Kirtland	T. Penn. "B"
B. Salt	T. Atoka	T. Fruitland	T. Penn. "C"
T. Yates <u>3746' MD</u>	T. Miss	T. Pictured Cliffs	T. Penn. "D"
T. 7 Rivers	T. Devonian	T. Cliff House	T. Leadville
T. Queen	T. Silurian	T. Menefee	T. Madison
T. Grayburg	T. Montoya	T. Point Lookout	T. Elbert
T. San Andres	T. Simpson	T. Mancos	T. McCracken
T. Glorieta	T. McKee	T. Gallup	T. Ignacio Otzte
T. Paddock	T. Ellenburger	Base Greenhorn	T. Granite
T. Blinebry	T. Gr. Wash	T. Dakota	
T. Tubb	T. Delaware Sand <u>5921' MD</u>	T. Morrison	
T. Drinkard	T. Bone Springs <u>8951' MD</u>	T. Todilto	
T. Abo	T. Capitan Reef <u>-3686' MD</u>	T. Entrada	
T. Wolfcamp <u>11774' MD</u>	T. <u>1st Bone Spring -9996' MD</u>	T. Wingate	
T. Penn	T. <u>2nd Bone Spring-10551' MD</u>	T. Chinle	
T. Cisco (Bough C)	T. <u>3rd Bone Spring-11430' MD</u>	T. Permian	

No. 1, from.....to.....
No. 2, from.....to.....
No. 3, from.....to.....
No. 4, from.....to.....

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.....
 No. 2, from.....to.....feet.....
 No. 3, from.....to.....feet.....

From	To	Thickness In Feet	Lithology

From To Thickness
In Feet Lithology

TVD	Geological	Wellbore Sketch		Hole Size	Casing	Drilling Fluids	Cement	OH Evaluation/Logs
ft-RKB	Tops							
1,000'				26"	Surface 20" 94.0# J55 BTC	FW Spud Mud 8.5 - 9.2 ppg 38 - 40 Vis 8 - 10 PV 8 - 10 YP	Top of Lead: Surface 12.8 ppg 1.68 cuft/sk 2,375 sks - 100% XS Top of Tail: 850' 14.8 ppg 1.33 cuft/sk 1,671 sks - 100% XS	NA
1,696 Rustler			1,835'	17-1/2"	Intermediate #1 13-3/8" 54.5# J55 BTC	Saturated Brine 10.0 - 10.2 ppg 28 - 32 Vis 1 -3 PV 1 - 3 YP	Top of Lead: Surface 12.8 ppg 2.8 cuft/sk 1,660 sks - 100% XS Top of Tail: 2,523' 14.8 ppg 1.34 cuft/sk 810 sks - 100% XS	NA
2,000'	2,106 Salado							
3,000'				12-1/4"	Intermediate #2 9-5/8"40# J55 LTC	WBM 9.0 - 9.5 ppg 28 - 32 Vis 15 - 20 PV 8 - 12 YP	Top of Lead: Surface 11.5 ppg 2.79 cuft/sk 1,030 sks - 100% XS Top of Tail: 5,300' 14.8 ppg 1.33 cuft/sk 370 sks - 100% XS	NA
3,476 Yates	3,686 Capitan Reef		3,652'					
4,000'				8-3/4" to KOP & Curve 8-1/2" Lateral	Production 5-1/2" 20# P110 BTC	Curve & Lateral OBM 9.3 - 9.8 ppg 15 - 20 PV 8 - 12 YP	Top of Lead: 810' 11.3 ppg 2.8 cuft/sk 595 sks - 10% XS Top of Tail: 10,928" 13.2 ppg 1.5 cuft/sk 1,055 sks - 10% XS	GR from Under Intermediate to TD
5,000'								
5,921 Delaware Mtn Gr			5,814'					
6,000'								
7,000'								
8,000'								
8,951 Bone Spring								
9,000'								
9,996 1st Bone Spring								
10,000'								
10,551 2nd Bone Spring								
11,000'								
11,430 3rd Bone Spring								
11,774 Wolfcamp								
Prod. Casing Set @17,003'MD								
PERFORATION'S @ 12,134' - 16,977' MD								
17,020' TD 11,970' TVD								

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

ACKNOWLEDGMENTS

Action 174248

ACKNOWLEDGMENTS

Operator: Earthstone Operating, LLC 300 N. Marienfeld St Ste 1000 Midland, TX 79701	OGRID: 331165
	Action Number: 174248
	Action Type: [C-104] Completion Packet (C-104C)

ACKNOWLEDGMENTS

☒	I hereby certify that the required Water Use Report has been, or will be, submitted for this wells completion.
☒	I hereby certify that the required FracFocus disclosure has been, or will be, submitted for this wells completion.

Sante Fe Main Office
Phone: (505) 476-3441

General Information
Phone: (505) 629-6116

Online Phone Directory
<https://www.emnrd.nm.gov/ocd/contact-us>

State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

CONDITIONS

Action 174248

CONDITIONS

Operator: Earthstone Operating, LLC 300 N. Marienfeld St Ste 1000 Midland, TX 79701	OGRID: 331165
	Action Number: 174248
	Action Type: [C-104] Completion Packet (C-104C)

CONDITIONS

Created By	Condition	Condition Date
plmartinez	File 3160-4 Completion Report within 10 days of BLM approval.	1/14/2025